

Amendments to the Specification:

Page 3, lines 22-26 have been amended to correct minor typographical errors as follows:

However, the ZAP correction cannot remedy a large track discontinuity that causes a track closure error. That is, the ZAP correction cannot effectively learn and compensate for track closure error, because the position error (measured by the PES values) at the splice point where a large radial discontinuity is present is ~~too~~ large for the ZAP correction to effectively remove the error.

Page 21, lines 11-24 have been amended to correct minor typographical errors as follows:

In summary, an embodiment of the present invention may be viewed as a method of compensating disturbances that cause track shape irregularities (such as 500, 600, and in operations 802-820) on a disc (such as 108 ~~106~~) in a disc drive (such as 100) during a disc servo-writing process (such as 508 and 600). The disturbances is substantially attributable to a nonrepeatable runout (NRRO) (such as 202, 302, and 400). The NRRO is substantially caused by a cage frequency (such as 202, 302, and 400) generated in a spindle motor (such as 106) in the disc drive. The disturbances compensating method (such as such as 500, 600, and in operations 802-820) involves determining a reference cage frequency (such as in operations 802-808); determining a feed-forward input signal based on the reference cage frequency (such as in operation 818); and feed-forwardly applying the feed-forward input signal to the servo-writer (such as in operation 820). The feed-forward input signal (such as 506) substantially eliminates the track shape irregularities as track servo patterns are written by a servo-writing head (such as 604 ~~618~~) operably connected to the servo-writer (such as 608 and ~~619~~).

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Wrong line No